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Sequence Listing could not be accepted due to errors.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: [year=2008; month=2; day=12; hr=14; min=32; sec=39; ms=204;]

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Reviewer Comments:

<210> 4
<211> 24
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) primer BAR

<400> 4
tcacccacac tgtgcccatc tacga
25

Although the above <211> response is "24," 25 nucleotides are shown in this sequence. Same error in Sequence 19.

<210> 12
<211> 23
<212> DNA
<213> Artificial

<220>
<223> CFTR (cystic fibrosis transmembrane conductance regulator) Primer CFT01

<400> 12
aggcctagtt gtcttacagt cct 23

FYI: please ensure that lines do not exceed 72 characters, per Sequence Rules.

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Validated By CRFValidator v 1.0.3

Application No: 10506958 Version No: 1.0

Input Set:

Output Set:

Started: 2008-02-12 11:09:30.840
Finished: 2008-02-12 11:09:32.068
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 228 ms
Total Warnings: 21
Total Errors: 2
No. of SeqIDs Defined: 21
Actual SeqID Count: 21

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (1)
W	213	Artificial or Unknown found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
E	253	The number of bases differs from <211> Input: 24 Calculated:25
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
W	213	Artificial or Unknown found in <213> in SEQ ID (13)
W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)
W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)

Input Set:

Output Set:

Started: 2008-02-12 11:09:30.840
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Total Warnings: 21
Total Errors: 2
No. of SeqIDs Defined: 21
Actual SeqID Count: 21

Error code	Error Description
E 253	The number of bases differs from <211> Input: 24 Calculated:25
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed

<110> Braven, Helen
Keay, Russell

<120> Nucleic acid probes, their synthesis and use

<130> ATLAS 8095 US

<140> 10506958
<141> 2008-02-12

<141> 2005-05-02

<150> PCT/GB03/000613

<151> 2003-02-11

<160> 21

<170> PatentIn version 3.4

<210> 1
<211> 26
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) probe BAPR

<400> 1
atgccctccc ccatgccatc ctgcgt 26

<210> 2
<211> 25
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) Probe C9-T1BAPR

<220>
<221> misc_feature
<222> (1)..(1)
<223> amino modified thymine with C9 linker, Formula IV

<400> 2
tgccctcccc catgccatcc tgcgt 25

<210> 3
<211> 25
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) primer BAF

<400> 3

cagcggaacc gctcattgcc aatgg 25

<210> 4
<211> 24
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) primer BAR

<400> 4
tcacccacac tgtgcccatc tacga 25

<210> 5
<211> 18
<212> DNA
<213> Artificial

<220>
<223> ACTB (beta actin) primer BAFR

<400> 5
caggtcccgg ccagccag 18

<210> 6
<211> 18
<212> DNA
<213> Artificial

<220>
<223> C282Y (HFE gene, C282Y mutation) Probe C282YP

<400> 6
atatacgtgc caggtgga 18

<210> 7
<211> 19
<212> DNA
<213> Artificial

<220>
<223> C282Y (HFE gene, C282Y mutation) Primer C282YF

<400> 7
ctggataact tggctgtac 19

<210> 8
<211> 19
<212> DNA
<213> Artificial

<220>
<223> C282Y (HFE gene, C282Y mutation) Primer C282YR

<400> 8
tcagtcacat accccagat 19

<210> 9
<211> 18
<212> DNA
<213> Artificial

<220>
<223> H63D (HFE gene, H63F mutation) Probe H63DP

<400> 9
atatacgtgc caggtgga 18

<210> 10
<211> 22
<212> DNA
<213> Artificial

<220>
<223> H63D (HFE gene, H63F mutation) Primer H63DF

<400> 10
cttggtcttt ccttgtttga ag 22

<210> 11
<211> 22
<212> DNA
<213> Artificial
<220>
<223> H63D (HFE gene, H63F mutation) Probe H63DR

<400> 11
acatctggct tgaaattcta ct 22

<210> 12
<211> 23
<212> DNA
<213> Artificial

<220>
<223> CFTR (cystic fibrosis transmembrane conductance regulator) Primer CFT01

<400> 12
aggcctagtt gtcttacagt cct 23

<210> 13
<211> 21
<212> DNA
<213> Artificial

<220>
<223> CFTR (cystic fibrosis transmembrane conductance regulator) Primer CFT03

<400> 13
tgccccctaa tttgttactt c 21

<210> 14

<211> 27
<212> DNA
<213> Artificial

<220>
<223> G6PC (glucose-6-phosphatase) probe GSDPR

<400> 14
tgtggatgtg gctgaaagtt tctgaac 27

<210> 15
<211> 18
<212> DNA
<213> Artificial

<220>
<223> G6PC (glucose-6-phosphatase) Primer GSDw

<400> 15
ccgatggcga agctgaac 18

<210> 16
<211> 20
<212> DNA
<213> Artificial

<220>
<223> G6PC (glucose-6-phosphatase) Primer GSDcom

<400> 16
tgctttcttc cactcaggca 20

<210> 17
<211> 29
<212> DNA
<213> Artificial

<220>
<223> ACADM (medium chain acyl-CoA dehydrogenase) Probe MC11PR

<400> 17
ctagaatgag ttaccagaga gcagcttgg 29

<210> 18
<211> 20
<212> DNA
<213> Artificial

<220>
<223> ACADM (medium chain acyl-CoA dehydrogenase) Primer MC11w

<400> 18
gctggctgaa atggcaatga 20

<210> 19
<211> 24
<212> DNA

<213> Artificial

<220>
<223> ACADM (medium chain acyl-CoA dehydrogenase) Primer MC11com

<400> 19
ctgcacagca tcagtagcta actga 25

<210> 20
<211> 43
<212> DNA
<213> Artificial

<220>
<223> Hairpin oligonucleotide reHP

<220>
<221> misc_feature
<222> (1)..(1)
<223> C12 amino modified at the 5' end

<400> 20
cagaatacag caggtgctcg cccgggcgag cacctgtatt ctg 43

<210> 21
<211> 40
<212> DNA
<213> Artificial

<220>
<223> Single strand oligonucleotide reBAF

<220>
<221> misc_feature
<222> (1)..(1)
<223> C12 amino modified at the 5' end

<400> 21
cagattacag caggttcacc cacactgtgc ccatctacga 40